



## DIPLOMA FOR MECHANICAL (AUTO CAD 2D, 3D, AND SOLID EDGE)

### SEMESTER :-1 : AUTO CAD

#### COURSE SYLLABUS

COMPUTER FUNDAMENTALS  
/WINDOWS OS

#### SOFTWARE

AUTO CAD (2D-3D)

#### COURSE CONTAINS

INTRODUCTION OF AUTO CAD, CONTROL THE DRAWING CHANGE VIEWS CARTESIAN COORDINATE SYSTEM, DRAW COMMANDS /MODIFY COMMANDS ANNOTATE DIMENSION, STYLE MANAGER, TEXT COMMAND LAYERS, BLOCKS PARAMETRIC, ISOMETRIC VIEWS, ISOMETRIC DRAWINGS, 2D FUNDAMENTALS, MECHANICAL DIAGRAM, 2D DIAGRAM, CREATE AND SAVE AUTO-CAD, USE THE AUTO -CAD VISUAL REFERENCE COMMANDS, AS PER ENGINEERING BACKGROUND DIFFERENT TYPES OFF, RESIDENTIAL BUILDINGS, AUTO CAD 2D & 3D ETC...

#### JOB PROFILE

MACHINE PARTS & ASSEMBLY, AUTOMOTIVE DESIGN, ARCHITECTURAL, AGRICULTURE MACHINES, PIPING, SHEET METAL, DUCTING DESIGN, FABRICATION WORKS.

### SEMESTER :-2 : SOLIDWORKS

#### COURSE SYLLABUS

COMPUTER FUNDAMENTALS  
/WINDOWS OS  
IT IS AN A TO Z MACHINE DESIGN,  
SIMULATION  
AND ANALYSIS SOFTWARE

#### COURSE CONTAINS

INTRODUCTION SOLID MODEL DESIGNING  
ASSEMBLING  
ADVANCE MATES  
WORKING WITH SOLIDS AND SURFACES  
VISUALIZATION TECHNIQUES  
DRAFTING , ESTIMATE  
ALL KINDS OF ENGINEERING DRAWINGS

#### FEES

Fees : 25000/-  
Reg. Fees : 1000/-  
Exam Fees : 1000/-  
Duration : 4 MONTHS  
Documents : 3 photos,  
Aadharcard Xerox

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